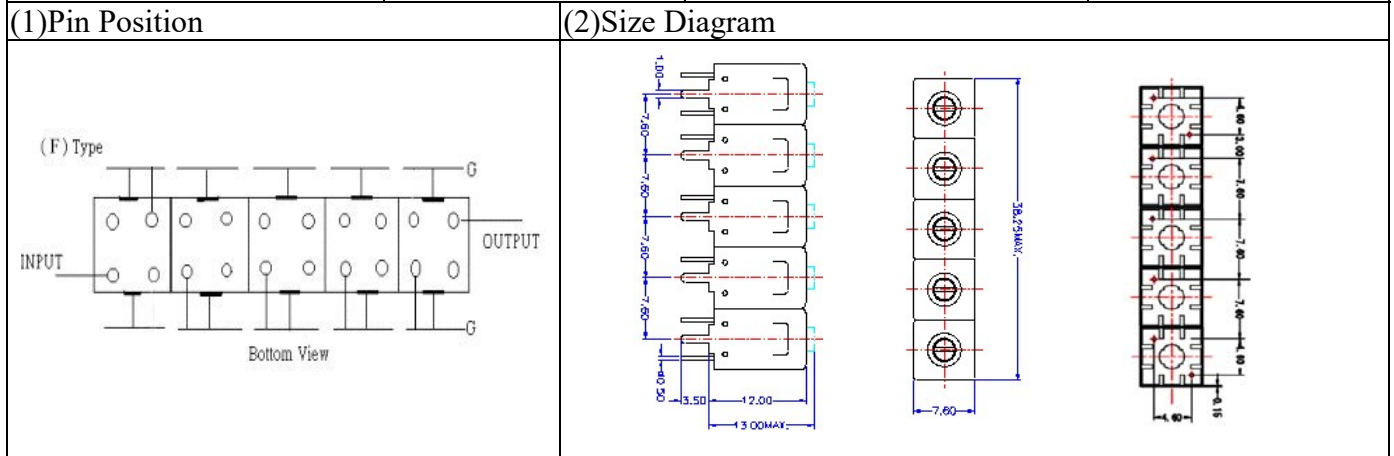


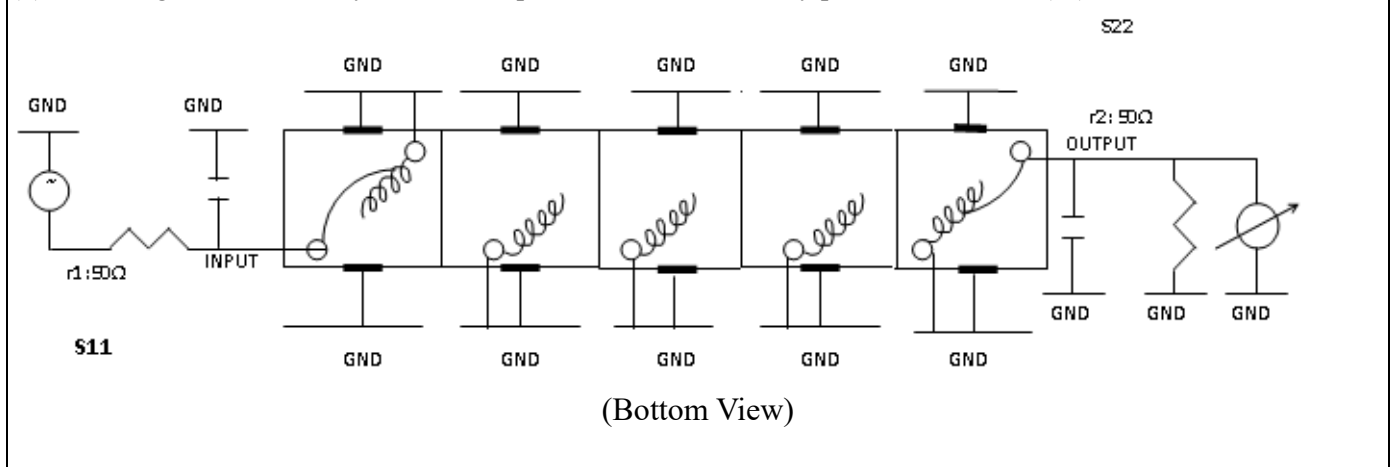
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV65338F-980M
Approval No. /dated	202002040CD	Temwell's Print Name.	65338F 980M
Work Instruction No.	202002040CD	Date	Mar.05.2020



(3) Electric Character					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		980 MHz		980 MHz	
Insertion Loss		Typ. 2.5 dB		1.58 dB	
-3 dB Bandwidth		Typ. 120 MHz		125.8 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 53 dBc		58 dBc	
	Fo + 150 MHz	Typ. 46 dBc		51 dBc	
	Fo - ()MHz	Typ. dBc		dBc	
	Fo +()MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		18.3 dB	
Ripple		< 1 dB		dB	
Impedance		In / Out : 50 Ω		In / Out : 50 Ω	
(4) Torque for Tuning Screw		> 60gf • cm			
(5) Temperature Condition:					
Operating Temperature		0°C ~ +60°C			
Storage Temperature		-20°C ~ +70°C			
(6) Input Power		> 1 Watt			

(7) Measuring Circuit: ※ Easy to match Impedance S11/S22 50Ω by parallel with about(- -).



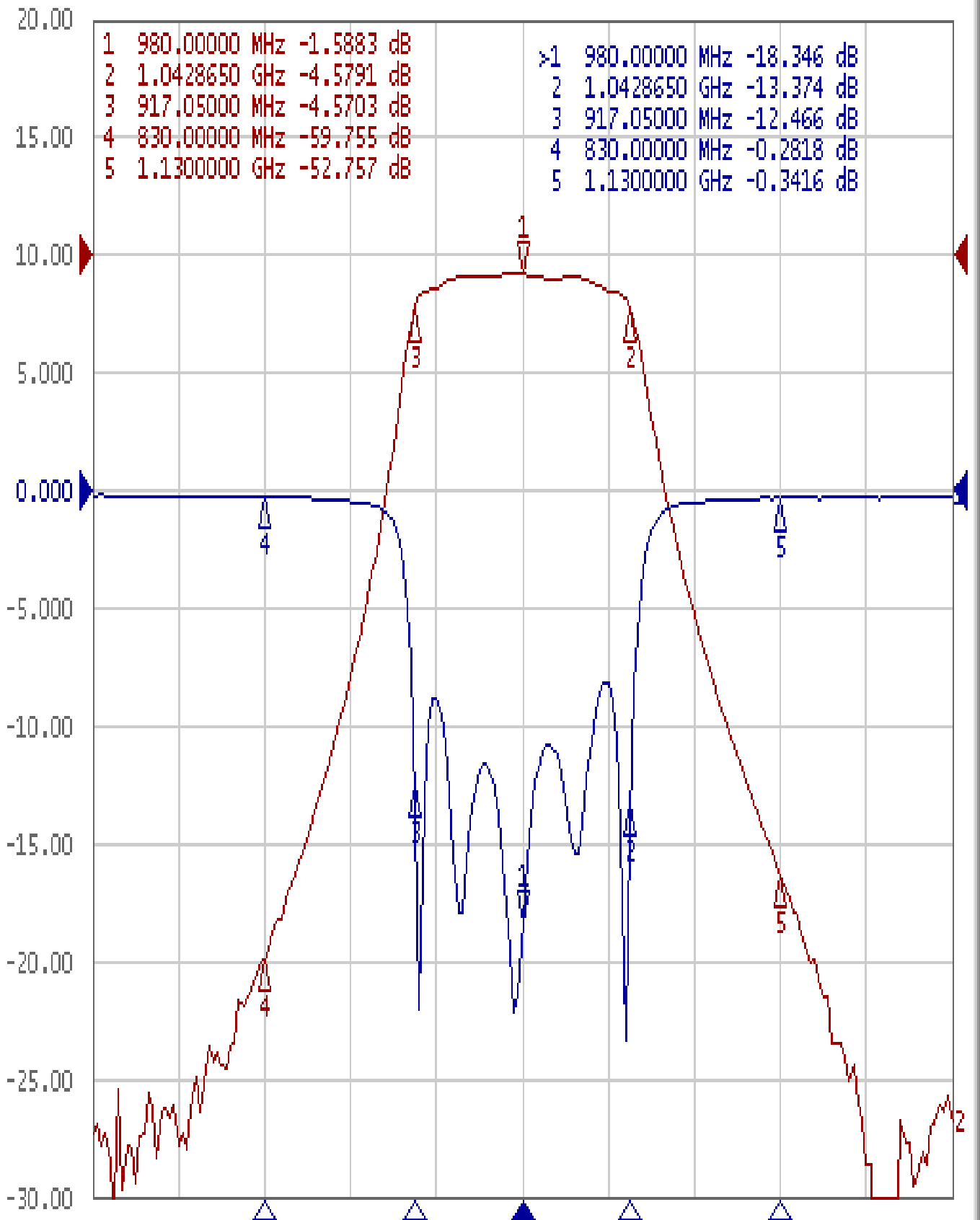
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.W.Wang	7H5S(4*6.8)(6.85) 7H046RB6.5(J1)

TEMWELL CORPORATION

Performance-TV65338F-980M

202002040CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 980 MHz

IFBW 70 kHz

Span 500 MHz Cor !